PTO/SB/08a (08-03)

10/790,240

Approved for use through 07/31/2006. OMB 0851-0031

Complete if Known

UNKNOWN

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Filing Date

Application Number

Substitute for form 1449A/PTO

11/	IFO	RMATION DISCL	OSURE	L	Filing Dat		03/04/2004								
		TEMENT BY APP		ſ	First Nam	ned Inventor	RYOJI N	INOMIYA							
			LIOAIII	Γ	Art Unit		UNKNOWN 1745								
		(Use as many sheets as necess	arv)		Examiner	Name	UNKNO	UN J. MAPURS							
Sheet		1 0			Attomey l	Docket Number	008312-	0308562							
			U. S. PA	TENT	DOCUM	ENTE									
Examiner	Cite	Document Number	Publication			ame of Patentee or		Pages, Columns, Lines, Where							
initials*	No.1	Number-Kind Code ^{2 (If known)}	MM-DD-YY				ent	Relevant Passages or Relevan Figures Appear	es or Relevant						
		US-													
		US-					$\neg \vdash$								
		US	<u> </u>												
		US-	1												
		US-			1										
		US-	-												
		US-							•						
		US-													
		US-		-											
		US-													
		US-						,							
		US-													
		US-													
		US-													
		US-	•												
		US-				,									
		US-													
		US-													
			FOREIGN P	ATENT	DOCL	JMENTS									
Examiner	Cite	Foreign Patent Document		Publica	tion Date	Name of Pater	ntee or	Pages, Columns, Lines,							
initials*	No. ¹	Country Code ³ -Number ⁴ -Kind Code ⁵ (il known)	MM-DD				Where Relevant Passages or Relevant Figures Appear	₹ ⁸						
8	1	JP 2002-24053	5	08/28	3/2002	TAKAGI et al	•	Abstract							

Examine Date Considered Signature 7/2360

4-172539

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

06/19/1992

NINOMIYA

Abstract

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14: This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b (08-03)
Approved for use through 06/30/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for	form 1449B/PTO			Complete if Known								
				Application Number	UNKNOWE 10/740, 240							
	RMATION DIS			Filing Date	03/04/2004							
STAT	EMENT BY A	APPLIC	CANT	First Named Inventor	RYOJI NINOMIYA							
				Art Unit	UNKNOWN							
	(Use as many shoots as	necessary)		Examiner Name	UNKNOWN							
Sheet	1	of	1	Altorney Docket Number	008312-0308562							

	•	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
8	1	HIRONOSUKI IKEDA, "All About Fuel Cells," Nihonjitsugyo Publishing Co., Ltd., p. 216-217, (August 20, 2001).	

Examiner Signature	John	Date Considered	7-22-07

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

			· · · · · · · · · · · · · · · · · · ·		PE.	─		·····			·					
(PW FORM	partn PAT-	nent of Commerce	- {	AUG	1 0 200	4 5	V	Atty. Dkt. No.	Ci	#/M#			Client	Ref.		
			/	EN.	TRADEN	RET			L						_	
}				1.8	TRADE			L	00	08312-0308562	2		T2TY	<u>-039</u>	S1159-1	
INFORMA BY APPL		N DISCLOSUF						Applicant	t: F	NONIN ILOYS	YA et	al.				
								Appln. No	o.:	10/790,240	٠.					
			•					• • • • • • • • • • • • • • • • • • • •		March 2, 2004						
Date: Augu	ust 10), 2004	Page	1	of	1	7			INKNOWN		up /	Art Ur	nit: 1	746	
		OCUMENTS							•		-					
Examiner'		Document		Date	-	Nam	ne				Clas	s	Sub		Filing	
s		Number		MM/	YYYY	(Fan	nily Name	of First In	ven	itor)			Class	3	Date	
Initials*						<u> </u>									(if approp	riate)
	AR	2001/0052433	<u> </u>	12/20	001	HAR	RIS et al.				<u> </u>	<u>-</u>	\vdash	·		
	BR	2002/0055029		05/20			ASHI et al					_				
	CR	2003/0143447	<u> </u>	07/20			MOTO et a	l			_					
-		4,968,566	-	11/19	990	LER	SCH et al.				↓ ~					
	ER			ļ							 				-	
	FR			├		ļ					├ -	\dashv			<u> </u>	
<u> </u>	GR			-	 –						-		ļ			
	HR					├					\vdash	-	 			
	IR JR										 	\dashv			 	
	KR			 							-				 	
	LR			 		 					1-		ļ			
	MR		,	ļ							 				 	_
	NR										 					
FOREIGN	ΡΔΤΙ	ENT DOCUMEN	TS				market year of the				13,14	Enc	glish		Translati	on
· OI (CIO)		Document	Date		Coun		Inventor I			T			stract		Readily Available	
,	1	Number	MM/Y	YYY		,									Available	,
											· [E		closed	No	Enclose	No
	OR-	2002 175827	06/20	02	Japar	-	TAJIMA	t al.				×			-	х
	PR-	2003-303609	10/20	93	Japar	-	SUDA					×				X
	QR.	2004-111212	04/20	04 ~	Jeper							$oxed{\mathbb{H}}$		X –		X
_	RR	1 30 0 018 A2	05/20	03	Europ)e	BULLOC	←ot al.				×			X-	Ĺ
	SR				ļ					<u> </u>		$oldsymbol{ol}}}}}}}}}}}}}}}}}}$				<u> </u>
	TR				<u> </u>							 				<u> </u>
<u> </u>	UR				ļ		<u> </u>			 		—				-
	VR		 		 							┼			<u> </u>	╀
	WR	<u> </u>	ļ —		 					 		┿				⊢
071150 //	XR	<u>l</u>	<u> </u>							<u> </u>		┿				┼
OTHER (Ir		ng in this order A										┨			,	
7		European Searc 04004527.0-211		UFT, Œ	icea Ju	ne 29	y, ∠UU4 for	Patent A	φpι	ication No.		×			X	_
	ZR											┼			-	├
	AAR											+-				┼
	BBR CCR										<u> </u>	┼			<u> </u>	╁
Examiner	700 <u>1</u>	. 44 —		·				Data Car	0011	laradi. A 7	307	<u></u>		<u> </u>	<u> </u>	<u> </u>
*EXAMINE	R.	Initial if citation co	neidor	d ub-	ther o-	not c	itation is is	Date Con					no the	ah	citation	
		e and not conside										ies III	io uiit	,ugii	- Lauon	

(PW FORM	epartr I PAT	ment of Commerce	JUL	51 P	K K	· · ·		Atty. Dkt. No.	M#			C	lient	Ref.		
Patent	and T	rademark Office	ک ر	ADEM ATEN	0115 E	:/		İ								
		Υ'	<u>ک</u> ر ب	DANEM	ARKOT				008	312-0308562	2	1	(2T)	/-03 :	S1159-1	 1
INFORMA BY APPL			ST	ATEN	D MENT			Applicant:		nomiya, Ryoji					<u> </u>	
								Appin. No	o.: 1	0/790,240					-	
					_		_	Filing Dat	te: M	larch 2, 2004						
Date: July			Pa ge	1	of	1		Examiner	r: Un	assigned	Gro	up A	rt Ui	nit: 1	746	
	NT C	DOCUMENTS		т .		т					,			-		
Examiner's Initials*		Document Number		Date MM/\	/	Name (Family N	Name	of First Inv	vento	or)	Clas		Sub Class		Filing Date (if appropriate	
	AR															
	BR			┞		 					<u> </u>	_			<u> </u>	
	CR			 		 					ļ	_			 	
	DR ER			 		 					<u> </u>					
	FR			<u> </u>		 					 				 	
	GR			 							 				 	
	HR				•	 						\dashv			 	
	IR	1		 		<u> </u>			-		1				 	
	JR					<u>† </u>					1					
	KR														 	
	LR															
	MR															
•	NR	<u> </u>		<u></u>												
FOREIGN	PAT	ENT DOCUMENTS										Engli			Translati	ion
		Document Number	Dat MM Y	te NYYY	Coun	try	Inver	nventor Name				Abstr			Readily Available	
0.7		ID 00 474040 A	_		├				_			Enclo	sed	No	Enclose	No
-	OR PR				Japar			WARA et a	al.			×		<u> </u>	 	╀
\mathcal{F}	QR	JP 2003-323911 A	1 1/2	2003	Japar	1	SHIC	TANI	\dashv			X		-	 	╀
-	RR		\vdash				1					-			 	╁
	SR		\vdash		 		 		\dashv						 	╁
	TR				 		 		寸			-				╁
_	UR				 				\dashv	 -						+
	VR											_		-	 	T
	WR								寸							T
	XR					_										十
OTHER (In	cludi	ng in this order Auth	ıor,	Title, I	Period	ical Name	, Date	. Pertinent	t Pa	aes, etc.)						十
_	YR	Japanese Office Ad	tion	dated	d May	24, 2005	for Ap	pln. No. 20	003-	057467		i				l _
	ZR															
	AAR															
	BBR			-								<u> </u>			<u> </u>	
Examiner		John						Date Cons			3-07					
*EXAMINE	R: <i>()</i>	Initial if citation considered	eret ant	d, whe	ther or	not citation	n is in (conformanc	e wi	th MPEP § 609	. Dra	w line	thro	ough	citation i	if
				IUUG V	JPY OI I	7 113 101111 W	IN I HEY		Jaliu	I IO ADDIICANI.						,

FORM PTO-1449 (modified) Atty. М# Client Ref. To: U.S. Department of Commerce SEP 2 3 2005 Dkt. No. (PW FORM PAT-1449) Patent and Trademark Office 008312-0308562 T2TY-03S1159-1 INFORMATION DISCLOSURE STATEMENT Applicant: NINOMIYA, et al. BY APPLICANT Appln. No.: 10,790,240 Filing Date: March 2, 2004 Page Date: September 23, 2005 Examiner: Unassigned Group Art Unit: Unassigned U.S. PATENT DOCUMENTS Examiner Document Date Name Class Sub Filing Number Class Date MM/YYYY (Family Name of First Inventor) Initials* (if appropriate) AR BR CR DR ER FR GR HR IR JR KR LR MR NR FOREIGN PATENT DOCUMENTS Translation English Abstract Readily Document Date Country Inventor Name Available MM/YYYY Number No Enclose No Enclosed OR JP 9-223512 08/1997 Japan **ASANO** PR QR RR SR TR UR ۷R WR OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.) YR Japanese Office Action dated August 23, 2005 for Appln. No. 2003-057467 ZR AAR BBR CCR DDR 212367 Examiner Date Considered: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified) To: U.S. Department of Commerce (PW FORM PAT-1449) Patent and Trademark Office					FEB	PE 40,3	<u>)</u>	Atty. Dkt. No.	M#	· .	Clien	Ref.	:	
				/	OR IT	A DENAMEDE	' .		008312-0308562		T2T	Y-039	S1159-1	
INFORMA BY APPL		N DISCLOSURI	E ST	ATEN	ENT			Applicant	t: NINOMIYA, et a	I.				
DI APPL	icai	,						Apple No	o.: 10,790,240					
1		•							te: March 2, 2004					
Date: Febr	uarv	13. 2006	Page	1	of	1	1		r: Unassigned	Gro	up Art U	nit [.] L	Inassior	ned
W 11 12 12 15 15 15 15 15 15 15 15 15 15 15 15 15		OCUMENTS	- ,						4					
Examiner Document s Number Initials*			Date		Name			of First Inventor)			Sub Class		rlate)	
	AR													
	BR													
	CR			·										
	DR	.=					-				_			
	ER			ļ		ļ				<u> </u>	_			
	FR		<u></u>	<u> </u>			-			<u> </u>	_			
	GR			ļ						<u> </u>	_			
-	HR				· · · · · · · · · · · · · · · · · · ·	ļ								
	JR			 	· <u>-</u>	 								
	KR			 						-	┥.		<u> </u>	
	LR									<u> </u>				
	MR			┢		-					-			
	NR			 										
FOREIGN	PAT	ENT DOCUMENT	S					4.44			English		Translati	ion
		Document Number	Date					ntor Name			Abstract		Readily Available	
0		ID 02 050564	4 4 /4 6	04	lana		Mate				Enclosed	No	Enclose	No
-4	OR PR	JP 03-250564 JP 2002-246037	11/19		Japa: Japa:		1	ayama o et al.		· ·	X	-		╁
	QR	JP 2002-280035			Japa		Shio				x	+		╁─
1	RR	J. LOCE LOCCO	00/20	, O.E.	Jupan	<u> </u>	101110	100111			^	+		╁
	SR									· · · · · · · · · · · · · · · · · · ·		 		\vdash
	TR.												1	\vdash
	UR													\top
	VR													
	WR						<u> </u>							
	XR						<u> </u>					<u></u>		
OTHER (II									nt Pages, etc.)					
 }-	YR	Japanese Office	Action	n date	d Janı	ary 17, 20	006 fc	or Appln. N	lo. 2003-057467					↓
	ZR											\vdash		\vdash
F	AAR	Dr/m				•		1_			<u> </u>	<u> </u>	<u></u>	<u>L_</u>
Examiner *EXAMINE		f*/			Ab			Date Cor			•			
		ce and not consider	ed. Inc	iude c	opy of	this form w	ii is in <u>iith ne</u>	xt commun	ice with MPEP § 609 ication to Applicant.	. Ura	w iine thi	ougn	CITATION	11